DATE:20/02/2023

VIDYAVARDHINI'S
A.V.COLLEGE OF ARTS, K.M COLLEGE OF COMMERCE & E.S ANDRADES COLLEGE OF SCIENCE.
VASAI (W)

Department Of Computer Science

Activity Organised Academic year 2022-2023

Students have participated in activities conducted by the Department beyond the topics covered in the syllabus.F.Y.B.Sc Computer science students have developed models and Charts. Students from the second year had developed IoT based projects and designed QR code for different applications.T.Y.B.S.c students had given presentation related to latest technology such as Amazon web service and its related products.

Sr.No	Class	Students	Topics
	FYCS	**GROUP 1**	**Interconnection module of memory management**
1		KUMAR ANIRUDH	
2		BHADKAMKAR VEDANT	
3		DEVARTHA BIRWADKAR	
4		BOBA ROHIT	
5		CHAUHAN RANJIT	
6		CHAVAN NILAY	
7		CHHATOLA KAVITA	
8		DUBEY ANURAG	
9		GHUGE HARDIK	
10		GONBHARE ASHWIN	
11		ADITYA D. GOND	
12		GUNMIN DAVID	
	FYCS	**GROUP 2**	**Three tier Architecture of the E-mail Server**
1		JHA NATWAR	
2		KUMAWAT POOJA	
3		KUSHWAHA VIKAS	
4		MANGELA JIDNYASHA	
5		HARSHI SAHU	
6		MISHRA ATUL	
7		NAIK LAXMAN	
8		NEGI SAURAV	
9		PAIKADE TEJAS	
10		PATEL TAAHA	
11		PATIL SIMRAN	
12		PAWAR VAIBHAV	
13		POWAR SAHIL	
14		PRAJAPATI GAURAV	
15		PRAJAPATI SHIKHA	
16		PRAJAPATI SURENDRA	
17		PULI SHRAMISHA	

	FYCS	**GROUP 3**	**Microprocessor architecture of 8085**
1		ANIKET RAVATE	
2		MARTINS RUSSELL	
3		SHAIKH AZAN	
4		SHARMA UTKARSH	
5		SHEDGE SUHANI	
6		SHINDE AAYUSH	
7		SHUKLA HARISH	
8		SINGH VIDYA	
9		TAVARE SURAJ	
10		UPADHYAY SAKSHI	
11		YADAV AMAN	
12		YADAV DEEPAK	
13		YADAV KISHAN	
14		YADAV SAURABH	
	SYCS	**GROUP 4**	**IOT project to check authorized visitor /lab in the lab.**
1		BHARAMBE DEVENDRA	
2		BHOIR AYUSH	
3		CHAUDHARI HARSHADA	
4		CHAUDHARY ARIF	
5		CHAUDHARY YASMIN	
6		DEBNATH YASH NIKHIL	
7		GHARAT SHRISHTI	
8		GHONE SHUBHAM	
9		GIRI ADARSH	
10		GIRI VIVEK	
11		RISHABH GUPTA	
12		JAWALE PRATHAMESH	
13		JOSHI DHURBARAJ	
14		KALEKAR AKSHIL	
15		KAMBLE PRATHAMESH	
16		KANOJIYA VIVEK	
	SYCS	**GROUP 5**	**IOT project to handle projectors and lights in the seminar hall.**
1		KOORANCHI GOKHUL	
2		MADAVI RADHIKA	
3		MAHADIK HARSHAD	
4		MAHADIK KANAK	
5		MANKAR PRANIT VILAS	
6		MAURYA SHRIYANSHI	
7		MEHRA MAYUR	
8		PATIL YASH	
9		PRAJAPATI SAPNA	
10		PRAJAPATI SAURABH	
11		RANE TANMAY	
12		RAO ROHAN	
13		SAMANTA SOBIT	

14		SHAIKH ABDUL	
15		SHIRSAT ADITYA	
16		SHRIVASTAVA VIVEK	
	SYCS	**GROUP 6**	**Generate QR Code of server machine and Generate QR Code of Book in staffroom library**
1		SINGH KALYAN	
2		SINGH PAVAN	
3		SINGH SHIVAM	
4		TAMHANKAR SUSHIL	
5		THAKUR ANAMIKA	
6		TIWARI NITESH	
7		TIWARI VISHAL	
8		YADAV ANSHIKA	
	TYCS	**GROUP 7**	**Case Study: Amazon Kinesis**
1		ANSARI SHIFA	
2		CHAISIR VINOD	
3		DUBEY AALOK	
4		GUPTA JAYPRAKASH	
5		PRASHANT GUPTA	
6		GUPTA RUSHABH	
7		GUPTA SUSHANT	
8		GUPTA VIVEK	
9		JADHAV ROHAN	
	TYCS	**GROUP 8**	**Case Study: S3 Buckets**
1		JADHAV VINESH	
2		KANWAL NEHA	
3		KARALE MINAL	
4		KHAN WASIM	
5		MAURYA VISHAL	
6		MEHER DIKSHITA	
7		MEHER PRIYANSHU	
8		MISHRA NIDHI AJAY	
9		MOURYA SHAILESH	
	TYCS	**GROUP 9**	**Case Study: Amazon Web services Virtual Private network**
1		NIMKARDE HARSH	
2		PAGI AKASH	
3		PANDHARE YASH	
4		PATIL KIMAYA	
5		PATIL MOHIL	
6		PATIL SAHIL	
7		PATRO ANJALI	
8		PAWAR SANJANA	
9		POOJARY HARSHA	

	TYCS	GROUP 10	Case Study: Dynamo DB
1		RAWAT VINEET	
2		SAKPAL ANUSHKA	
3		SAMBARE ANUSHKA	
4		SAWANT GAURAV	
5		SHAH VIKAS KUMAR	
6		SINGH DARSHANA	
7		SINGH EKTA	
8		SINGH PARIMAL	
	TYCS	GROUP 11	Case Study: Amazon Amplify.
1		ROHIT SURESH SINGH	
2		SINGH TANAY	
3		UDMALE SUNIL	
4		UPADHYAY AYUSHI	
5		VANASHA SUSHIL	
6		VISHWAKARMA ASHISH	
7		WAJE OMKAR	
8		YADAV KHUSHBU	
9		YADAV SANDEEP	

TOTAL STUDENTS PARTICIPATED: 127

Srimalti

H.O.D

PRINCIPAL.

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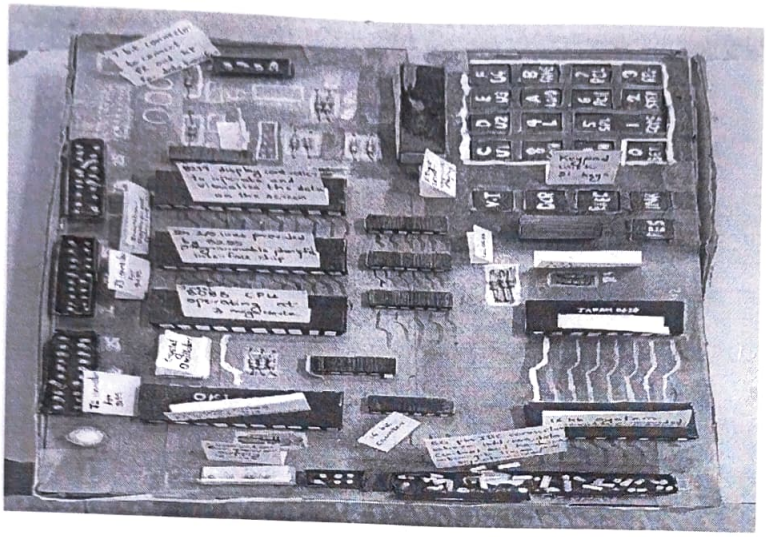
A. V. COLLEGE OF ARTS
K. M. COLLEGE OF COMMERCE
E. S. A. COLLEGE OF SCIENCE
VASAI ROAD, DIST. PALGHAR - 401 202.

Report on project develop by students beyond curriculum

Academic year 2022-23



The students of F.Y.Bsc Computer Science enthusiastically developed static models depicting the Microprocessor architecture of 8085. This model was developed using basic craft materials in the most economical way. The model shows the deep understanding of the topic and included intricate details of the Microprocessor. The significant feature of the model is that it had buttons with the real feel.

Seemalti

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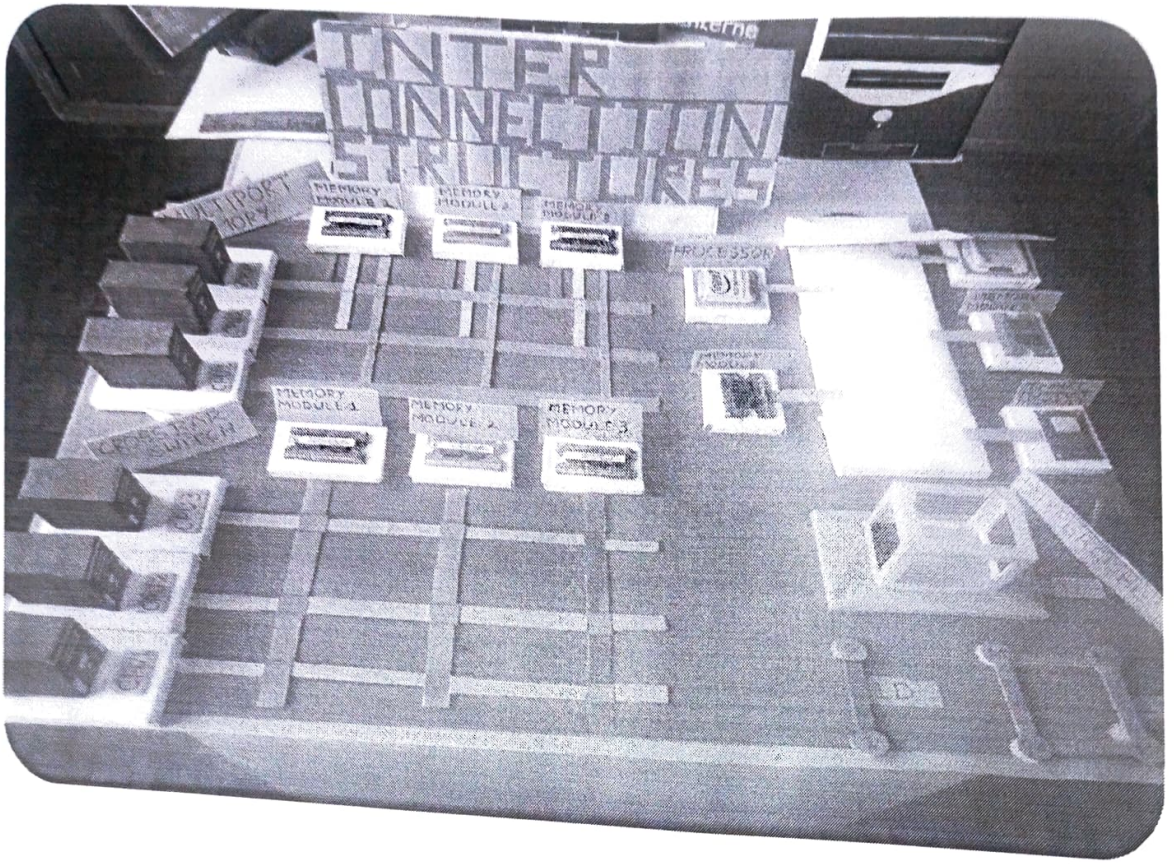
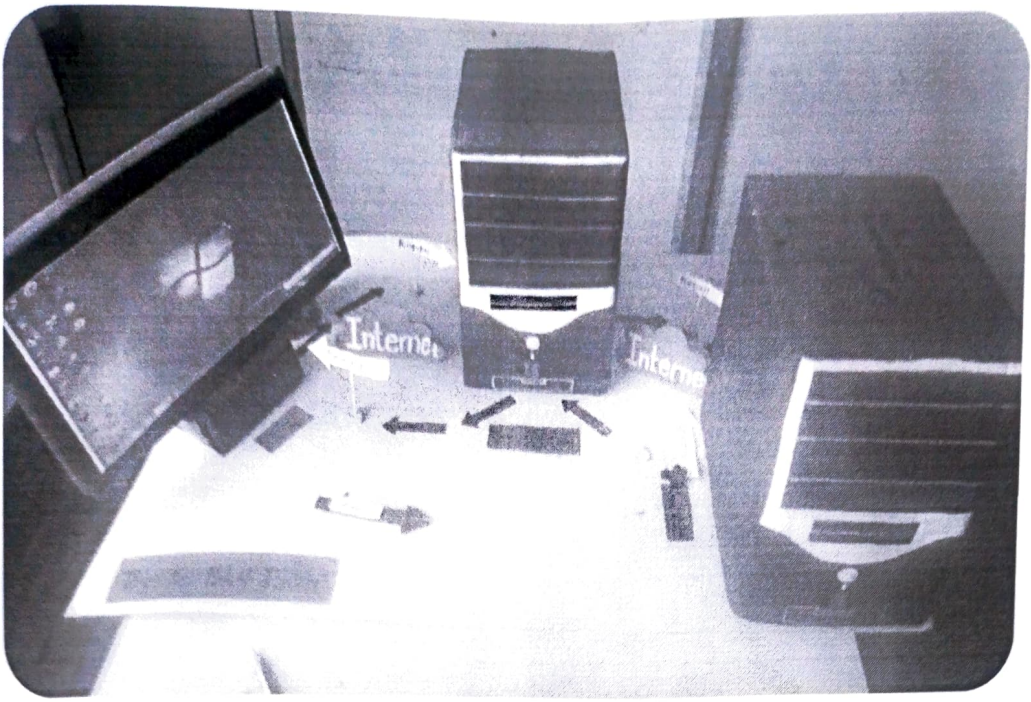
VASAI ROAD, DIST. PALGHAR
MAHARASHTRA - 401 202.



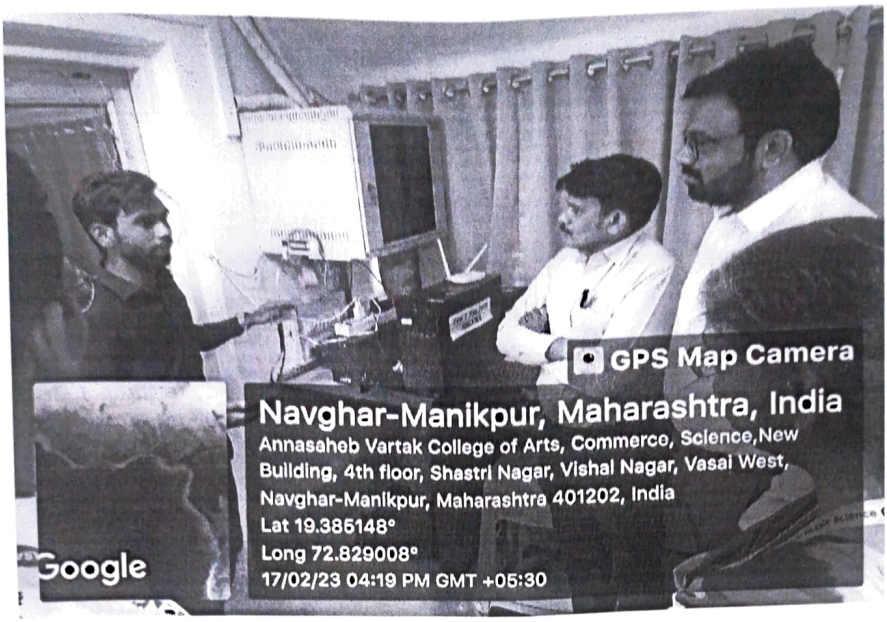
Interconnection module of memory management was developed by the girl's student from the batch. The model clearly shows the memory mapping in the memory module. The appreciable point in the model is that it shows the exact positioning and particulars as in real structure.

Sivamalli



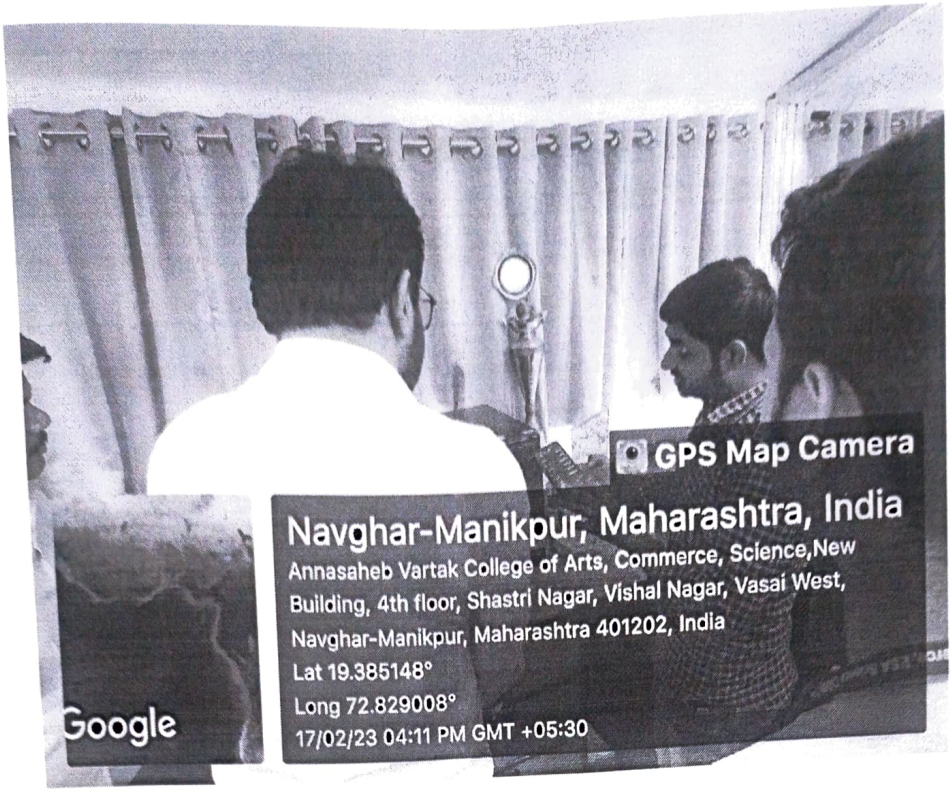
The above model developed by the first year students explains the three tier architecture of the E-mail server. Model had the look and feel of the real client-server environment. The request- response task was clearly shown.

Seenaththi



Students of S.Y.B.Sc Computer science developed certain projects out of sheer curiosity and eagerness to learn and gain hands on experience on certain tools and products beyond the syllabus prescribed by University of Mumbai. An IoT based project that allows only authorized visitor /student entry into the lab .The model can further be extended to allow authorized students to enter college premise.

Sramatti

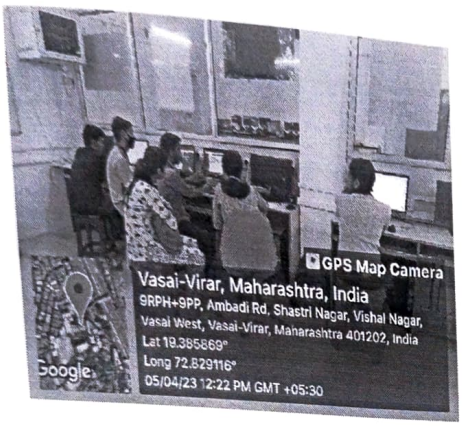


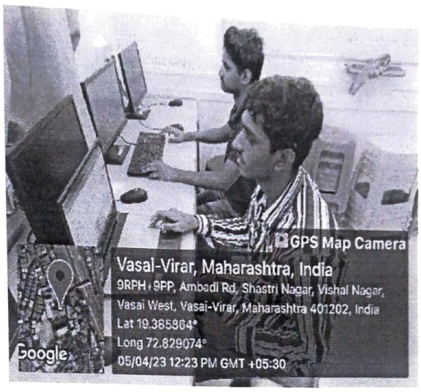
The above photograph shows the demonstration by S.Y.B.Sc Computer science who had developed an IoT based application to easily handle Projectors and light in the seminar hall. The simulation explains how the light in seminar hall will be automatically turned off when the projector is turned on and vice-versa.

Soumathi

Flutter Framework Project

Students of S.Y.B.Sc computer science came into a competitive mood to develop small application using Flutter framework. Later their projects were assessed and evaluated by I. T Co-ordinator Prof Sushma Brahmankar.





Rank	Name
1	Adarsh Giri
1	Vishal Pandey
2	Pavan Singh
3	Akshil Kalekar
3	Shriyanshi Maurya
3	Sushil Tamhankar

Project was conducted on 05-04-2023.

Judged by : Prof: Sushma Brahmankar (IT Co-ordinator)

Prof: Dorris Gonsalves.

Soumatri

sample QR CODE OF SERVER MACHINE

S.Y.B.Sc Computer science students spent quality time n generating QR code for all the 120 machines available in the computer laboratory,33 machines in Exam assessment room popularly called as OSM and also for the books available in the department library.

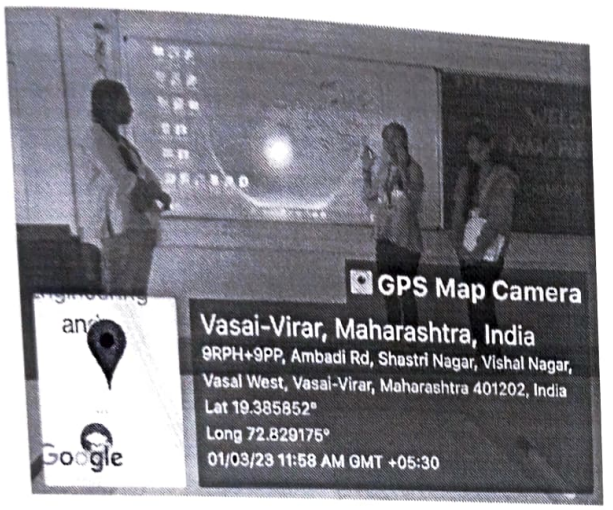
Sample QR CODE OF BOOK : "Computer based numerical and statistical techniques"

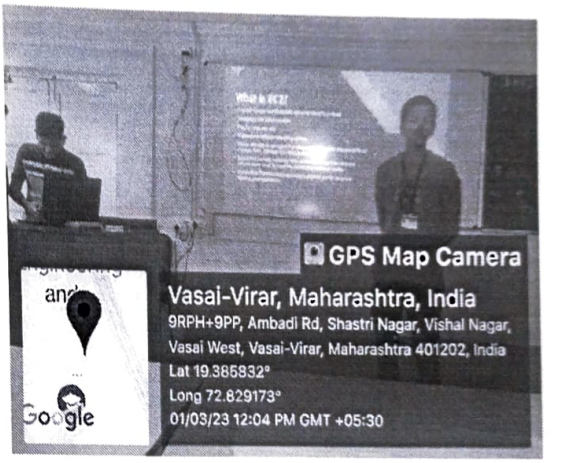
We appreciate the hardwork and patience of the student and their hunger to learn technology and apply them in such small applications. The highlight of these activity is that they do not carry marks nor will it be reflected in their final semester grades.

Sarmatti

Amazon Web Services Presentation

Students of T.Y.B.Sc Computer science showed keen interest to explore their knowledge in Amazon Web Services. The student formed groups and developed a complete technical presentation on one Amazon webservice product. This activity helped student understand the various products, its features and application. It also developed soft skills such as team building, communication and presentation skills.





Documentation of Amazon Web Service.

https://tinyurl.com/4xs9v87u

Srimathi